EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L30	109	("5567267").URPN.	USPAT	OR	ON	2010/05/14 15:58
S1	4154	((118/728-732) or (156/345.51-345.55)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/02 20:41
S2	146	S1 and heat$3 and cool$3 and braz$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 20:41
S3	61	S1 and heat$3 and cool$3 near (fluid liquid gas) and braz$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 20:41
S4	65	("4399016" | "4434042" | "4448652" | "4705595" | "4771730" | "4832781" | "4844767" | "4897171" | "4911812" | "4956043").PN. OR ("5078851").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 20:50
S5	13	("5709757" | "5835334" | "5851298").PN. OR ("6646233").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 17:03
S6	5	S5 and braz$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 17:03
S7	78	("20010012604" | "20020036881" | "20020050246" | "20020075624" | "20020081445" | "20030168439" | "20050219786" | "3586343" | "4180723" | "4184188" | "4384918" | "4645218" | "4902025" | "5155652" | "5191506" | "5213349" | "5280156" | "5376213" | "5460684" | "5478429" | "5527584" | "5529657" | "5581874" | "5600530" | "5606484" | "5625526" | "5665260" | "5671116" | "5720818" | "5729423" | "5737178" | "5745331" | "5796074" | "5818693" | "5822171" | "5827585" | "5858100" |	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 17:05

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"6646233" | "6700099" |
"6740853" | "6853533" |
"6907924" | "6918530" |
"7029529" | "7247819" |
"7480129").PN.

S8	34	S7 and braz$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 17:05
S9	8	S7 and braz$3 with seal$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/06 17:05
S10	19	((THOMAS) near2 (HAMELIN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:13
S11	6	US-6180926-$.DID. OR US-6190063-$.DID. OR US-6508062-$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/02 16:16
S12	2	US-5323292-$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/02 16:16
S13	21	("3719052" | "4432635" | "5029445" | "5061630" | "5134436" | "5154661" | "5269146" | "5450726" | "5456081" | "5522215" | "5613364" | "5667622" | "5671117" | "5728253" | "5740016" | "5802856" | "5996353").PN. OR ("6508062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:17
S14	5695	tokyo near electron.as.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:19
S15	10	S14 and braz$3.clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:19
S16	6	US-4534816-$.DID. OR US-5634537-$.DID. OR US-6677167-$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/02 16:23

S17	5	("2002/0050246").URPN.	USPAT	OR	ON	2009/11/05 21:54
S18	4175	((118/728-732) or (156/345.51-345.55)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 21:55
S19	316	(cool$3) near (groove channel trench path passage pathway) and heat$3 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 21:57
S20	70	(cool$3) near (groove channel trench path passage pathway).clm. and heat$3 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 21:57
S21	3	10/670292	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:05
S22	17	("5268812" | "5323292" | "5458189" | "5615086" | "5659458" | "5720338" | "5880524" | "5907474" | "5957547" | "6133631" | "6212074" | "6474074" | "6504720" | "6550263" | "6550531" | "6665187" | "6681482").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:06
S23	17	("5268812" | "5323292" | "5458189" | "5615086" | "5659458" | "5720338" | "5880524" | "5907474" | "5957547" | "6133631" | "6212074" | "6474074" | "6504720" | "6550263" | "6550531" | "6665187" | "6681482").PN. OR ("6992892").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:07
S24	1	(braz$3) near4 (groove channel trench path passage pathway).clm. and heat$3 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:10
S25	4176	(cool$3) near (groove channel trench path passage pathway) and heat$3 and braz$3and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:11
S26	36	(cool$3) near (groove channel trench path passage pathway) and heat$3 and braz$3 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:11

S27	13	(cool$3) near (groove channel trench path passage pathway) and heat$3 and braz$3 with (groove channel trench path passage pathway) and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:15
S28	0	braz$3 near2 (groove channel trench path passage pathway) with (trap$3 isolat$3 prevent$3 contain$3 control%4) and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:16
S29	0	braz$3 near2 (groove channel trench path passage pathway) with (trap$3 isolat$3 prevent$3 contain$3 control$4) and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:16
S30	4	braz$3 near2 (groove channel trench path passage pathway) and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:17
S31	7	braz$3 near4 (groove channel trench path passage pathway) and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:17
S32	9	braz$3 near6 (groove channel trench path passage pathway) and S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:20
S33	2	S32 not S31	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:20
S34	118	(groove channel trench path passage pathway) near (trap$3 isolat$3 prevent$3 contain$3 control$4) with braz$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:21
S35	2	("4519445").URPN.	USPAT	OR	ON	2009/11/05 22:24
S36	27	braz$3 near2 (groove channel trench path passage pathway) and ("118" "156" "216" "414").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 22:25
S37	116	(groove channel recess hollow trench path passage pathway) with braz$3 with joint.clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:39

S38	3	braz$3 near2 (groove channel recess hollow trench path passage pathway) with contaminat $3 and (cool$4 thermal$4 temperature heat$4 (heat adj transfer) colder refridgerant refrigerat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:47
S39	24	braz$3 with (groove channel recess hollow trench path passage pathway) with contaminat $3 and (cool$4 thermal$4 temperature heat$4 (heat adj transfer) colder refridgerant refrigerat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:50
S40	49	("3355078" | "3955163" | "4603466" | "4707012" | "5230741" | "5267607" | "5374829" | "5376180" | "5516367" | "5531835" | "5556476" | "5703493" | "5738165" | "5749999" | "5961774" | "6149727" | "6179924" | "RE31053"). PN. OR ("6464790"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:51
S41	4175	((118/728-732) or (156/345.51-345.55)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/06 10:54
S42	4	braz$3 near2 (groove channel recess hollow trench path passage pathway) and S41	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:54
S43	12	braz$3 near2 (joint) and S41	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:54
S44	2	("5155652" | "6099697"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:57
S45	1	("5511799").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/06 10:58
S46	34	("1716157" | "2858126" | "2972808" | "3124714" | "4073427" | "4512841" | "4771730" | "4897171" | "4991991" | "5073716" | "5104834" | "5134436" | "5155652" | "5179498" | "5191506" | "5265790"). PN. OR ("5511799"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 10:58

S47	10	("5228501" | "5511799" | "5535090" | "5656093" | "5810933" | "5861086"). PN. OR ("6853533"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:06
S48	7	S47 and braz$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:07
S49	58	("20020036881" | "20020050246" | "20020081445" | "20050219786" | "3586343" | "4645218" | "4902025" | "5155652" | "5191506" | "5213349" | "5280156" | "5376213" | "5460684" | "5478429" | "5527584" | "5529657" | "5581874" | "5600530" | "5606484" | "5625526" | "5665260" | "5671116" | "5737178" | "5745331" | "5818693" | "5827585" | "5858100" | "5870100" | "5879100" | "5886863" | "5886864" | "5906684" | "5949650" | "5958813" | "5978202" | "5994662" | "6034863" | "6048434" | "6072685" | "6081414" | "6094334" | "6108189" | "6120661" | "6159055" | "6215641" | "6219219" | "6310755" | "6490144" | "6503131" | "6503572" | "6538872" | "6563686" | "6646233" | "6700099" | "6740853" | "6853533" | "6907924" | "6918530"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:08
S50	22	S49 and braz$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:09
S51	1	braz$3 near2 (groove channel recess hollow trench path passage pathway) with contaminat $3 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:13
S52	4	braz$3 near2 (groove channel recess hollow trench path passage pathway) and S41	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:14

S53	2041	braz$3 near2 (groove channel recess hollow trench path passage pathway)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:14
S54	65	braz$3 near2 (groove channel trench path passage pathway) with (trap$3 isolat$3 prevent$3 contain$3 control%4 contaminat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:15
S55	20	("2125324" | "2646995" | "3015885" | "3259971" | "3276113" | "3475811" | "3514842").PN. OR ("3909917").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:28
S56	14	("2125324" | "2646995" | "3015885" | "3259971" | "3276113" | "3475811" | "3514842").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 11:37
S57	1	10/587390	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 12:08
S58	579	S41 and (heat$3 near (liquid fluid gas) steam)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 12:22
S59	83	S41 and (heat$3 near (liquid fluid gas) steam) with (groove channel recess hollow trench path passage pathway)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 12:22
S60	5839	((118/725,728-732) or (156/345.51-345.55)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/06 15:05
S61	943	S60 and (heat$3 near (liquid fluid gas) steam)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:06
S62	209	S60 and (heat$3 near (liquid fluid gas) steam).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:06
S63	30	S60 and (heat$3 near (liquid fluid gas) steam).clm. and (AlN aluminum adj nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:06
S64	15	S60 and (heat$3 near (liquid fluid gas) steam) same (AlN aluminum adj nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:36

S65	28	("20010020516" | "3911386" | "4622687" | "5078851" | "5155652" | "5280156" | "5306895" | "5376213" | "5415225" | "5547539" | "5595241" | "5665166" | "5665260" | "5675471" | "5753132" | "5788799" | "5800618" | "5846375" | "5880924" | "5900103" | "6074518" | "6081414" | "6101969" | "6106737" | "6135052" | "6143128" | "6197246" | "6391147").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:39
S66	14	S65 and (AIN aluminum adj nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 15:39
S67	1	("6179924").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/06 16:28
S68	23	("3791342" | "4790262" | "4854263" | "4892753" | "4990374" | "5094885" | "5230741" | "5238499" | "5252807" | "5374594" | "5447570" | "5516367" | "5556476" | "5688331" | "5730804" | "5911834" | "5994678").PN. OR ("6179924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 16:28
S69	1642	S60 and (heat$3) with (groove channel recess hollow trench path passage pathway)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 16:37
S70	1642	S60 and (heat$3) with (groove channel recess hollow trench path passage pathway) with (cool$4 thermal$4 temperature heat$4 (heat adj transfer) colder refrigerant refrigerat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 16:38
S71	492	S60 and (heat$3) with (groove channel recess hollow trench path passage pathway) with (cool$4 thermal$4 temperature heat$4 (heat adj transfer) colder refridgerant refrigerat$3). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 16:38

S72	17	S60 and (heat$3) with (groove channel recess hollow trench path passage pathway) with (cool$4 thermal$4 temperature heat$4 (heat adj transfer) colder refrigerant refrigerat$3). clm. and thermoelectric	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 16:39
S73	28	("20100020516" | "3911386" | "4622687" | "5078851" | "5155652" | "5280156" | "5306895" | "5376213" | "5415225" | "5547539" | "5595241" | "5665166" | "5665260" | "5675471" | "5753132" | "5788799" | "5800618" | "5846375" | "5880924" | "5900103" | "6074518" | "6081414" | "6101969" | "6106737" | "6135052" | "6143128" | "6197246" | "6391147").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 16:49
S74	3	S60 and (heat$3) with steam with (groove channel recess hollow trench path passage pathway)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 17:07
S75	47	S60 and (heat$3) with steam	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 17:07
S76	12	("4956043" | "5220171" | "5846375" | "5927077" | "6080969" | "6226073" | "6229116" | "6332724" | "6736206" | "6744020" | "6810298" | "6824616").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 17:09
S77	12	("4956043" | "5220171" | "5846375" | "5927077" | "6080969" | "6226073" | "6229116" | "6332724" | "6736206" | "6744020" | "6810298" | "6824616").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 17:21
S78	5	("20010017035" | "5846375" | "6102113" | "6415858" | "6544338").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 17:21
S79	7286	thermoelectric adj cool$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 17:31

S80	11	S79 and S60	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 17:31
S81	1	"20020139523"	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/06 17:46
S82	3	("6736206").URPN.	USPAT	OR	ON	2009/11/06 17:49
S83	4	10/455491	USPAT	OR	ON	2009/11/06 17:49
S84	1	10/587390	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/03 12:30
S85	36	("5147497" | "5155652" | "5191506" | "5228501" | "5250137" | "5310453" | "5376213" | "5463526" | "5567267" | "5571366" | "5581874" | "5584971" | "5625526" | "5656093"). PN. OR ("6081414"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/03 12:47
S86	2	(("6446233") or ("20030228772")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/12 20:58
S87	1	("20020050246").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/12 21:03
S88	1	("5567267").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/12 21:34
S89	114	("5078851" | "5255153" | "5290381" | "5320982" | "5376213").PN. OR ("5567267").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 21:34
S90	22	("3623712" | "3836751" | "4350537" | "4486652" | "4492852" | "4493977" | "4550245" | "4560420" | "4680061" | "4743570" | "4857704" | "4909314" | "4949783" | "4971653" | "5044943" | "5177878" | "5248402" | "5294778" | "5320982" | "5382311" | "5567267" | "5676205"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 21:41
S91	7	("5950723").URPN.	USPAT	OR	ON	2010/05/12 21:41
S92	37	("5775416").URPN.	USPAT	OR	ON	2010/05/12 21:54

EAST Search History (Interference)

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5/ 14/ 2010 5:21:00 PM
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Brazed Substrate Holder with Cooling Passages and Heater.wsp